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Hydrogen uptake; Hydrogenase; Hup$^-$ mutants; *Azotobacter chroococcum*; *Bradyrhizobium japonicum* (Tibelius, K.H. (65) 53)

Corynebacterium
Diphtheria toxin; *Bacillus subtilis* (Hemilä, H. (65) 193)

Corynebacterium glutamicum
Transformation; Electroporation; Restriction (Liebl, W. (65) 299)

Cryptic plasmid
Pneumococcus; pDP1; Cloning (Berry, A.M. (65) 275)

Curing
Killer; Acridine orange; *Saccharomyces cerevisiae* (Cansado, J. (65) 233)

Cyanobacterium
Cell wall; Lipopolysaccharide; *Microcystis aeruginosa*; Outer membrane proteins; Peptidoglycan–polysaccharide complex (Jürgens, U.J. (65) 47)

Cysteine rich protein
Chlamydia trachomatis; Outer membrane protein (Watson, M.W. (65) 293)

Cytolysis
Listeria; Listeriolysin O; Thiol-activated toxins; Functional domains; Receptor binding (Vazquez-Boland, J.A. (65) 95)

2,4-D dissimilation
Azotobacter chroococcum; Plasmid (Balajee, S. (65) 223)

Decarboxylases
Agrobacteria; Thermospermine; Spermine; Homospermidine (Hamana, K. (65) 269)

Development
Germination; Myxobacteria; Orthophosphate; Polyphosphate; Sporulation (González, F. (65) 105)

Diagnostics
Mycobacterium leprae; PCR; Leprosy (Woods, S.A. (65) 305)

Dibenzofuran
Aryl ether cleavage; Angular dioxygenation; Intramolecular hemiacetal cleavage reaction; *Brevibacterium* (Engesser, K.H. (65) 205)

Diphtheria toxin
Bacillus subtilis; *Corynebacterium* (Hemilä, H. (65) 193)

Dispersed growth
Streptomyces coelicolor A3(2); Actinorhodin; Physiological control; Secondary metabolism (Doull, J.L. (65) 265)

DNA hybridization
Azolla; *Anabaena azollae*; Host-endosymbiont association (Plazinski, J. (65) 199)

DNA probe
Ribosomal RNA; Bacterial classification (Böttger, E.C. (65) 171)

DNA sequencing
Chlamydia psittaci; Outer membrane protein; Cloning (Herring, A.J. (65) 153)

DNA supercoiling
Gene regulation; Gyrase inhibitor; *tdc* Operon; *Escherichia coli* (Sumantran, V.N. (65) 37)

DNA transport
Streptococcus sp.; Competent streptococcus (Clavé, C. (65) 113)

pDP1
Pneumococcus; Cryptic plasmid; Cloning (Berry, A.M. (65) 275)

***Ectothiorhodospira* sp.**
Photoreaction center; Monoclonal antibodies (Lefebvre, S. (65) 247)

Electroporation
Corynebacterium glutamicum; Transformation; Restriction (Liebl, W. (65) 299)

ELISA
Staphylococcus aureus (MRSA); Penicillin-binding protein; Immunoaffinity purification; Monoclonal antibody (Harrington, C.R. (65) 143)

Enterobacter aerogenes
Injury; Ammonia; Coliform; *Escherichia coli* (Naundorf, G. (65) 65)

Escherichia coli
Gene regulation; Gyrase inhibitor; DNA supercoiling; *tdc* Operon (Sumantran, V.N. (65) 37)

Injury; Ammonia; Coliform; *Enterobacter aerogenes* (Naundorf, G. (65) 65)

Rhamnose; Structural genes; Gene products (Badía, J. (65) 253)

Bradyrhizobium spp.; *Bradyrhizobium japonicum*; Peanut agglutinin; Lipopolysaccharide; Asialoganglioside; Micelle; Precipitin reaction (Maiti, T.K. (65) 279)

Evolution
Anaerobic protozoa; Hydrogenosome (Finlay, B.J. (65) 311)

Exopolysaccharides
Rhizobium phaseoli; Anionic polysaccharides (Zevenhuizen, L.P.T.M. (65) 211)

Expression
Shuttle vector; *Streptococcus*; L-forms; *Proteus mirabilis*; Streptokinase (Laplace, F. (65) 89)

Extracellular enzymes
M13 sequencing; Protein primary structure; Actinomyces codon usage (Houba, S. (65) 241)

***F. nucleatum* subgroups**
Fusobacterium nucleatum; RNA gene restriction patterns (Lawson, P.A. (65) 41)

Formaldehyde oxidation
Methanol oxidation; H_2 formation; Sodium dependence; (Methanogenic bacteria) (Winner, C. (65) 259)

Functional domains
Listeria; Listeriolysin O; Thiol-activated toxins; Receptor binding; Cytolysis (Vazquez-Boland, J.A. (65) 95)

Fusion protein
α-Amylase inhibitor; Tendamistat; Chymotrypsin; Protein secretion (Aretz, W. (65) 31)

Fusobacterium nucleatum
F. nucleatum subgroups; RNA gene restriction patterns (Lawson, P.A. (65) 41)

Gene expression
Bacillus subtilis; Codon usage (Loshon, C.A. (65) 59)

Gene products
Rhamnose; *Escherichia coli*; Structural genes (Badía, J. (65) 253)

Gene regulation
Gyrase inhibitor; DNA supercoiling; *tdc* Operon; *Escherichia coli* (Sumantran, V.N. (65) 37)

Geotrichum candidum
Glyceryl trinitrate; Glyceryl mononitrates; Bioconversion (Ducrocq, C. (65) 219)

Germination
Development; Myxobacteria; Orthophosphate; Polyphosphate; Sporulation (González, F. (65) 105)

1,3-β-Glucanase
Penicillium oxalicum; Autolysis (Copa-Patiño, J.L. (65) 285)

Glyceryl mononitrates
Glyceryl trinitrate; Bioconversion; *Geotrichum candidum* (Ducrocq, C. (65) 219)

Glyceryl trinitrate
Glyceryl mononitrates; Bioconversion; *Geotrichum candidum* (Ducrocq, C. (65) 219)

Gold labelling
Bacillus sp.; Secretion; Heterologous protein; Subcellular location (Wagner, B. (65) 327)

Gyrase inhibitor
Gene regulation; DNA supercoiling; *tdc* Operon; *Escherichia coli* (Sumantran, V.N. (65) 37)

Haemophilus
Iron; Transferrin; Outer membrane; Siderophore (Morton, D.J. (65) 123)

Hemolysin
Listeria monocytogenes; Listeriolysin gene (Leimeister-Wächter, M. (65) 23)

Heterologous protein
Bacillus sp.; Secretion; Subcellular location; Gold labelling (Wagner, B. (65) 327)

H_2 formation
Methanol oxidation; Formaldehyde oxidation; Sodium dependence; (Methanogenic bacteria) (Winner, C. (65) 259)

Homospermidine
Agrobacteria; Thermospermine; Spermine; Decarboxylases (Hamana, K. (65) 269)

Host-endosymbiont association
Azolla; *Anabaena azollae*; DNA hybridization (Plazinski, J. (65) 199)

Hup⁻ mutants
Hydrogen uptake; Hydrogenase; Complementation: *hup* genes; *Azotobacter chroococcum*; *Bradyrhizobium japonicum* (Tibelius, K.H. (65) 53)

Hydrogenase
Hydrogen uptake; Hup⁻ mutants; Complementation: *hup* genes; *Azotobacter chroococcum*; *Bradyrhizobium japonicum* (Tibelius, K.H. (65) 53)

Hydrogenosome
Anaerobic protozoa; Evolution (Finlay, B.J. (65) 311)

Hydrogen uptake
Hydrogenase; Hup⁻ mutants; Complementation: *hup* genes; *Azotobacter chroococcum*; *Bradyrhizobium japonicum* (Tibelius, K.H. (65) 53)

Immunoaffinity purification
Staphylococcus aureus (MRSA); Penicillin-binding protein; Monoclonal antibody; ELISA (Harrington, C.R. (65) 143)

Injury
Ammonia; Coliform; *Escherichia coli*; *Enterobacter aerogenes* (Naundorf, G. (65) 65)

Inositol metabolism
Streptomyces sp.; Myo-inositol-1-phosphate synthase; Aminocyclitol antibiotics (Sipos, L. (65) 339)

Intramolecular hemiacetal cleavage reaction
Dibenzofuran; Aryl ether cleavage; Angular dioxygenation; *Brevibacterium* (Engesser, K.H. (65) 205)

Iron
Haemophilus; Transferrin; Outer membrane; Siderophore (Morton, D.J. (65) 123)

Isopenicillin N
Penicillin biosynthesis; α-Aminoadipate; α-Aminoadipylcysteinyl-valine; *Penicillium chrysogenum* (Hönlinger, C. (65) 71)

Kanamycin resistance
Chlamydomonas reinhardtii; Transformation (Bingham, S.E. (65) 77)

Killer
Curing; Acridine orange; *Saccharomyces cerevisiae* (Cansado, J. (65) 233)

Lactobacillus curvatus
Transposition; Chromosomal insertion (Knauf, H.J. (65) 101)

Leprosy
Mycobacterium leprae; PCR; Diagnostics (Woods, S.A. (65) 305)

L-forms
Shuttle vector; *Streptococcus*; *Proteus mirabilis*; Streptokinase; Expression (Laplace, F. (65) 89)

Lipopolysaccharide
Cell wall; Cyanobacterium; *Microcystis aeruginosa*; Outer membrane proteins; Peptidoglycan–polysaccharide complex (Jürgens, U.J. (65) 47)

Bradyrhizobium spp.; *Bradyrhizobium japonicum*; *Escherichia coli*; Peanut agglutinin; Asialoganglioside; Micelle; Precipitin reaction (Maiti, T.K. (65) 279)

Listeria
Listeriolysin O; Thiol-activated toxins; Functional domains; Receptor binding; Cytolysis (Vazquez-Boland, J.A. (65) 95)

Listeria monocytogenes
Hemolysin; Listeriolysin gene (Leimeister-Wächter, M. (65) 23)

Listeriolysin gene
Listeria monocytogenes; Hemolysin (Leimeister-Wächter, M. (65) 23)

Listeriolysin O
Listeria; Thiol-activated toxins; Functional domains; Receptor binding; Cytolysis (Vazquez-Boland, J.A. (65) 95)

Luciferase
Vibrio sp.; Membrane binding (Angell, P. (65) 177)

Membrane binding
Luciferase; *Vibrio* sp. (Angell, P. (65) 177)

Membrane vesiculation, Light-harvesting complexes
(*Rhodobacter sphaeroides*); (*Rhodobacter capsulatus*) (Golecki, J.R. (65) 315)

Methanol oxidation
Formaldehyde oxidation; H_2 formation; Sodium dependence; (Methanogenic bacteria) (Winner, C. (65) 259)

Methylamine dehydrogenase
C_1-metabolism; *Paracoccus denitrificans* (Köstler, M. (65) 1)

***Methylobacillus flagellatum* KT**
L-Threonine; Transport (Bourd, G.I. (65) 109)

Micelle
Bradyrhizobium spp.; *Bradyrhizobium japonicum*; *Escherichia coli*; Peanut agglutinin; Lipopolysaccharide; Asialoganglioside; Precipitin reaction (Maiti, T.K. (65) 279)

Microcystis aeruginosa
Cell wall; Cyanobacterium; Lipopolysaccharide; Outer membrane proteins; Peptidoglycan–polysaccharide complex (Jürgens, U.J. (65) 47)

Mobiluncus
Actinomycetales; Phylogeny; 16S rRNA; Reverse transcriptase sequencing (Lassnig, C. (65) 17)

Monoclonal antibodies
Ectothiorhodospira sp.; Photoreaction center (Lefebvre, S. (65) 247)

Monoclonal antibody
Neisseria meningitidis; Outer membrane protein (Wall, R.A. (65) 129)

Staphylococcus aureus (MRSA); Penicillin-binding protein; Immunoaffinity purification; ELISA (Harrington, C.R. (65) 143)

Campylobacter pylori; Stomach; Spiral bacteria; Ureases (Newell, D.G. (65) 183)

M13 sequencing
Extracellular enzymes; Protein primary structure; Actinomyces codon usage (Houba, S. (65) 241)

Mycobacterium leprae
PCR; Leprosy; Diagnostics (Woods, S.A. (65) 305)

***Mycoplasma* sp.**
Vascular permeability; Bradykinin (Shibata, K.-i. (65) 149)

Myo-inositol-1-phosphate synthase
Streptomyces sp.; Inositol metabolism; Aminocyclitol antibiotics (Sipos, L. (65) 339)

Myxobacteria
Development; Germination; Orthophosphate; Polyphosphate; Sporulation (González, F. (65) 105)

Neisseria meningitidis
Outer membrane protein; Monoclonal antibody (Wall, R.A. (65) 129)

***Neocallimastix* spp**
Rumen fungus; Wood degradation (Joblin, K.N. (65) 119)

N_2 fixation
Photosynthesis; Purple bacteria; Thermophily (Resnick, S.M. (65) 165)

Nocardia lactamdurans
Thymidine kinase negative mutant; (Isolation) (Darland, G. (65) 229)

OHIO-1
SHV-type β-Lactamase (Vedel, G. (65) 5)

Oligomeric structure
Thiobacillus versutus; Outer membrane; Porin (Woitzik, D. (65) 319)

***tdc* Operon**
Gene regulation; Gyrase inhibitor; DNA supercoiling; *Escherichia coli* (Sumantran, V.N. (65) 37)

Orthophosphate
Development; Germination; Myxobacteria; Polyphosphate; Sporulation (González, F. (65) 105)

Outer membrane
Haemophilus; Iron; Transferrin; Siderophore (Morton, D.J. (65) 123)

Thiobacillus versutus; Porin; Oligomeric structure (Woitzik, D. (65) 319)

Outer membrane protein
Neisseria meningitidis; Monoclonal antibody (Wall, R.A. (65) 129)

Chlamydia psittaci; Cloning; DNA sequencing (Herring, A.J. (65) 153)

Chlamydia trachomatis; Cysteine rich protein (Watson, M.W. (65) 293)

Outer membrane proteins
Cell wall; Cyanobacterium; Lipopolysaccharide; *Microcystis aeruginosa*; Peptidoglycan–polysaccharide complex (Jürgens, U.J. (65) 47)

Oxidation of thiosulphate
Thiobacillus novellus; Rhodanese; Sulphur acceptor (Fukumori, Y. (65) 159)

Paracoccus denitrificans
C_1-metabolism; Methylamine dehydrogenase (Köstler, M. (65) 1)

PCR
Mycobacterium leprae; Leprosy; Diagnostics (Woods, S.A. (65) 305)

Peanut agglutinin
Bradyrhizobium spp.; *Bradyrhizobium japonicum*; *Escherichia coli*; Lipopolysaccharide; Asialoganglioside; Micelle; Precipitin reaction (Maiti, T.K. (65) 279)

Penicillin-binding protein
Staphylococcus aureus (MRSA); Immunoaffinity purification; Monoclonal antibody; ELISA (Harrington, C.R. (65) 143)

Penicillin biosynthesis
α-Aminoadipate; α-Aminoadipyl-cysteinyl-valine; Isopenicillin N; *Penicillum chrysogenum* (Hönlinger, C. (65) 71)

Penicillium oxalicum
1,3-β-Glucanase; Autolysis (Copa-Patiño, J.L. (65) 285)

Penicillum chrysogenum
Penicillin biosynthesis; α-Aminoadipate; α-Aminoadipyl-cysteinyl-valine; Isopenicillin N (Hönlinger, C. (65) 71)

Peptidoglycan–polysaccharide complex
Cell wall; Cyanobacterium; Lipopolysaccharide; *Microcystis aeruginosa*; Outer membrane proteins (Jürgens, U.J. (65) 47)

Phages
Streptococcus oralis; *Streptococcus pneumoniae*; Choline cell wall (Ronda, C. (65) 187)

Photoreaction center
Ectothiorhodospira sp.; Monoclonal antibodies (Lefebvre, S. (65) 247)

Photosynthesis
Purple bacteria; Thermophily; N_2 fixation (Resnick, S.M. (65) 165)

Phylogeny
Mobiluncus; *Actinomycetales*; 16S rRNA; Reverse transcriptase sequencing (Lassnig, C. (65) 17)

Physiological control
Streptomyces coelicolor A3(2); Actinorhodin; Dispersed growth; Secondary metabolism (Doull, J.L. (65) 265)

Plasmid
Azotobacter chroococcum; 2,4-D dissimilation (Balajee, S. (65) 223)

Pneumococcus
pDP1; Cryptic plasmid; Cloning (Berry, A.M. (65) 275)

Polyphosphate
Development; Germination; Myxobacteria; Orthophosphate; Sporulation (González, F. (65) 105)

Porin
Thiobacillus versutus; Outer membrane; Oligomeric structure (Woitzik, D. (65) 319)

Precipitin reaction
Bradyrhizobium spp.; *Bradyrhizobium japonicum*; *Escherichia coli*; Peanut agglutinin; Lipopolysaccharide; Asialoganglioside; Micelle (Maiti, T.K. (65) 279)

Protein primary structure
Extracellular enzymes; M13 sequencing; Actinomyces codon usage (Houba, S. (65) 241)

Protein secretion
α-Amylase inhibitor; Tendamistat; Chymotrypsin; Fusion protein (Aretz, W. (65) 31)

Protein synthesis
Streptomyces aureofaciens; Vegetative cells (Weiser, J. (65) 11)

Proteus mirabilis
Shuttle vector; *Streptococcus*; Streptokinase; L-forms; Expression (Laplace, F. (65) 89)

Purple bacteria
Photosynthesis; Thermophily; N_2 fixation (Resnick, S.M. (65) 165)

Rat vaginitis
Candida parapsilosis; Clinical isolate (De Bernardis, F. (65) 137)

Receptor binding
Listeria; Listeriolysin O; Thiol-activated toxins; Functional domains; Cytolysis (Vazquez-Boland, J.A. (65) 95)

Restriction
Corynebacterium glutamicum; Transformation; Electroporation (Liebl, W. (65) 299)

Restriction endonuclease
Clostridium acetobutylicum (Azeddoug, H. (65) 323)

Reverse transcriptase sequencing
Mobiluncus; *Actinomycetales*; Phylogeny; 16S rRNA (Lassnig, C. (65) 17)

Rhamnose
Escherichia coli; Structural genes; Gene products (Badía, J. (65) 253)

Rhizobium phaseoli
Exopolysaccharides; Anionic polysaccharides (Zevenhuizen, L.P.T.M. (65) 211)

Rhodanese
Thiobacillus novellus; Oxidation of thiosulphate; Sulphur acceptor (Fukumori, Y. (65) 159)

Ribosomal RNA
DNA probe; Bacterial classification (Böttger, E.C. (65) 171)

RNA gene restriction patterns
Fusobacterium nucleatum; *F. nucleatum* subgroups (Lawson, P.A. (65) 41)

Rumen fungus
Wood degradation; *Neocallimastix* spp (Joblin, K.N. (65) 119)

Saccharomyces cerevisiae
Killer; Curing; Acridine orange (Cansado, J. (65) 233)

Secondary metabolism
Streptomyces coelicolor A3(2); Actinorhodin; Physiological control; Dispersed growth (Doull, J.L. (65) 265)

Secretion
Bacillus sp.; Heterologous protein; Subcellular location; Gold labelling (Wagner, B. (65) 327)

Shuttle vector
Streptococcus; L-forms; *Proteus mirabilis*; Streptokinase; Expression (Laplace, F. (65) 89)

SHV-type β-Lactamase
OHIO-1 (Vedel, G. (65) 5)

Siderophore
Haemophilus; Iron; Transferrin; Outer membrane (Morton, D.J. (65) 123)

Sodium dependence
Methanol oxidation; Formaldehyde oxidation; H_2 formation; (Methanogenic bacteria) (Winner, C. (65) 259)

Spermine
Agrobacteria; Thermospermine; Homospermidine; Decarboxylases (Hamana, K. (65) 269)

Spiral bacteria
Campylobacter pylori; Stomach; Ureases; Monoclonal antibody (Newell, D.G. (65) 183)

Sporulation
Development; Germination; Myxobacteria; Orthophosphate; Polyphosphate (González, F. (65) 105)

16S rRNA
Mobiluncus; *Actinomycetales*; Phylogeny; Reverse transcriptase sequencing (Lassnig, C. (65) 17)

***Staphylococcus aureus* (MRSA)**
Penicillin-binding protein; Immunoaffinity purification; Monoclonal antibody; ELISA (Harrington, C.R. (65) 143)

Stomach
Campylobacter pylori; Spiral bacteria; Ureases; Monoclonal antibody (Newell, D.G. (65) 183)

Streptococcus
Shuttle vector; L-forms; *Proteus mirabilis*; Streptokinase; Expression (Laplace, F. (65) 89)

Streptococcus oralis
Streptococcus pneumoniae; Phages; Choline cell wall (Ronda, C. (65) 187)

Streptococcus pneumoniae
Streptococcus oralis; Phages; Choline cell wall (Ronda, C. (65) 187)

Streptococcus sp.
DNA transport; Competent streptococcus (Clavé, C. (65) 113)

Streptokinase
Shuttle vector; *Streptococcus*; L-forms; *Proteus mirabilis*; Expression (Laplace, F. (65) 89)

Streptomyces aureofaciens
Protein synthesis; Vegetative cells (Weiser, J. (65) 11)

Streptomyces coelicolor A3(2)
Actinorhodin; Physiological control; Dispersed growth; Secondary metabolism (Doull, J.L. (65) 265)

Streptomyces sp.
Myo-inositol-1-phosphate synthase; Inositol metabolism; Aminocyclitol antibiotics (Sipos, L. (65) 339)

Structural genes
Rhamnose; *Escherichia coli*; Gene products (Badía, J. (65) 253)

Subcellular location
Bacillus sp.; Secretion; Heterologous protein; Gold labelling (Wagner, B. (65) 327)

Sulphur acceptor
Thiobacillus novellus; Oxidation of thiosulphate; Rhodanese (Fukumori, Y. (65) 159)

Tendamistat
α-Amylase inhibitor; Chymotrypsin; Protein secretion; Fusion protein (Aretz, W. (65) 31)

Thermophily
Photosynthesis; Purple bacteria; N_2 fixation (Resnick, S.M. (65) 165)

Thermospermine
Agrobacteria; Spermine; Homospermidine; Decarboxylases (Hamana, K. (65) 269)

Thiobacillus novellus
Oxidation of thiosulphate; Rhodanese; Sulphur acceptor (Fukumori, Y. (65) 159)

Thiobacillus versutus
Outer membrane; Porin; Oligomeric structure (Woitzik, D. (65) 319)

Thiol-activated toxins
Listeria; Listeriolysin O; Functional domains; Receptor binding; Cytolysis (Vazquez-Boland, J.A. (65) 95)

L-Threonine
Methylobacillus flagellatum KT; Transport (Bourd, G.I. (65) 109)

Thymidine kinase negative mutant
Nocardia lactamdurans; (Isolation) (Darland, G. (65) 229)

Transferrin
Haemophilus; Iron; Outer membrane; Siderophore (Morton, D.J. (65) 123)

Transformation
Chlamydomonas reinhardtii; Kanamycin resistance (Bingham, S.E. (65) 77)

Corynebacterium glutamicum; Electroporation; Restriction (Liebl, W. (65) 299)

Transport
L-Threonine; *Methylobacillus flagellatum* KT (Bourd, G.I. (65) 109)

Transposition
Lactobacillus curvatus; Chromosomal insertion (Knauf, H.J. (65) 101)

Ureases
Campylobacter pylori; Stomach; Spiral bacteria; Monoclonal antibody (Newell, D.G. (65) 183)

Vascular permeability
Mycoplasma sp.; Bradykinin (Shibata, K.-i. (65) 149)

Vegetative cells
Streptomyces aureofaciens; Protein synthesis (Weiser, J. (65) 11)

Vibrio sp.
Luciferase; Membrane binding (Angell, P. (65) 177)

Virulence regulatory locus
Bordetella pertussis; Cloning (McGillivray, D.M. (65) 333)

Wood degradation
Rumen fungus; *Neocallimastix* spp (Joblin, K.N. (65) 119)